

Project Summary and Justification

Department Public Utilities

Division Wastewater

The Capital Improvement Program for the 2005-2011 period is a continuing and comprehensive effort to assure the proper collection and treatment of current and future wastewater flows and loads in a manner that protects human health and the environment and that meets Federal Environmental Protection Agency (EPA) and State of Nebraska Department of Environmental Quality (NDEQ) National Pollutant Discharge System (NPDES) discharge permits, Clean Air Act permits, and regulated operating requirements.

Project 1 General System Improvements

- a. Collection System Extension - Match. (502500)**
Provide for construction of mains 10" and larger in diameter for residential, commercial, and industrial areas. Also, to subsidize mains in certain wastewater districts, new subdivisions, future growth areas, or other City projects.
- b. Preliminary Design and Engineering Support. (502610)**
Provide for preliminary design and review of unanticipated wastewater projects.
- c. Facilities Plan Update.**
Provides for an updating the Comprehensive Facilities Master Plan for wastewater collection, pumping, and treatment facilities in accordance with the City's comprehensive planning efforts, to accommodate City growth and meet State and Federal regulatory operating requirements.

Project 2 Selected Replacement or Repair of Wastewater Facilities and/or Collectors (700359)

Provide for replacement, reconstruction, and/or repair of wastewater facilities and/or collectors that have served their useful lives and are in poor structural condition. Included are repairs to collectors and appurtenances to reduce infiltration and inflow into the system. Easements may be required.

- a.** Replacement or Repair of Manholes.
- b.** Between "O" and "N" Streets, from South 12th to 10th Streets.
- c.** Between "O" and "N" Streets, from South 20th to 19th Streets.
- d.** Between Stratford Ave. to Sewell St., Bradfield to Calumet.
- e.** Between Winthrop to Bradfield Dr., Ryons to Sewell Street.
- f.** From N. 52nd to N. 55th near Holdrege Street.
- g.** "S" Street from 14th to 15th Street (abandon under UNL Union).
- h.** N. 84th St. and Leighton to N. 87th Street between Wagon Dr. and Adams.
- i.** SW 6th and E Street Liftstation (C-9) Modifications.
- j.** West "A" Street Improvements SW 12th to SW 14th Street.
- k.** Lift stations - Telemetry Replacement and Upgrade (continued from FY 04-05).
- l.** Antelope Valley
 - 1)** "P" and "Q" Street Bridges.
 - 2)** "O" Street Bridge.
 - 3)** "N" Street Bridge.
 - 4)** East Leg Overpass.
 - 5)** South Street Bridge.

Project Summary and Justification (cont.)

Department Public Utilities

Division Wastewater

These collection system projects provide for necessary improvements and replacements to the wastewater collection system lines, liftstations, and treatment facilities to minimize infiltration and inflow into the system and to maintain service in these areas. Included are: lines and manholes that are in poor structural condition with deteriorated flow characteristics, corroded, or broken and are in need of replacement. Liftstations, force mains, and facilities at the treatment facilities that are in need of replacement.

TRUNK SEWER SYSTEM IMPROVEMENTS

The following trunk and relief sewer projects provide for additional and future capacity by relieving overloaded and surcharging conditions in existing trunk lines due to Lincoln's continuing growth. Extending of the described trunk lines in the various basins provides for meeting future growth and development needs of the City in these basins as outlined in the City's Comprehensive Plan.

Project 3 Salt Valley Basin - Relief Sewer Improvements. (502450)

- a. Phase V - South 6th Street and Pioneers Boulevard to Hunts and Old Cheney Roads. (502457)
- b. Extend Trunk Sewer - Upper Southeast - South 20th Street and Yankee Hill Road to South 27th Street and Rokeby Road to South 40th Street and Yankee Hill Road. (502455)
- c. Sub-basin Upper Southeast - South 33rd to South 48th Streets and approximately Rokeby Road.
- d. Extend Trunk Sewer - Upper Southwest - South 7th Street and Old Cheney Road to near South 1st Street and West Denton Road. (502456)

Project 4 Northeast Salt Creek Basin - North 49th to 70th Streets, north of Salt Creek. (701291)

Project 5 Little Salt Creek Basin. (502005)

- a. North 31st Street Liftstation Outfall Improvements - North 31st Street and Salt Creek to Theresa Street. (502008)
- b. North 31st Street Liftstation Pumping Capacity Improvements.

Project 6 Oak Creek Basin - Relief Trunk Sewer. (502940)

- a. South Runway to Northwest 44th and West Mathis Streets to Air Park Road. (502941)
- b. Northwest 27th Street - Kawasaki to Hwy. 34 and east along Hwy. 34, and Airport Road from Northwest 37th to 35th Streets. (502942)
- c. Northwest 40th Street to Hwy. 34.

Project 7 Beal Slough Basin. (700333)

- a. Relief Trunk, Phase I - South 6th Street and Pioneers Boulevard to South 27th Street and Hwy. 2. (700925)
- b. Relief Trunk, Phase II - South 27th to 56th Streets and Hwy. 2. (700926)
- c. Upper Beal Slough - Extend Trunks - South 65th Street and Pine Lake Road to south of South 56th and east of 70th Streets and Yankee Hill Road. (700924)

Project Summary and Justification (cont.)

Department Public Utilities

Division Wastewater

Project 8 West “O” Street Basin. (701019)

- a. Extend Trunk Sewer - SW 40th Street and BNSF Yards to near NW 52nd Street and I-80. (701054)
- b. Extend Trunk Sewer - SW 43rd Street and BNSF Yards to near SW 60th and West “O” Streets.
- c. Extend Trunk Sewer - NW 42nd Street and BNSF Yards to near NW 43rd Street and I-80.
- d. Sub-basin approximately NW 52nd Street and I-80 to north of I-80.
- e. Replacement of Liftstation at West “P” Street and Sun Valley Boulevard. (Liftstation C-8).

Project 9 Lynn Creek Trunk Sewer (relief trunk sewer), NW 1st Street and West Harvest Drive to Barone Road.

Project 10 Stevens Creek Basin. New Trunk Sewer System. (701830)

- a. Phase I - Northeast Plant to North 84th Street and Fletcher Avenue. (701831)
- b. Phase II - Phase I to Havelock Avenue and Stevens Creek. (701832)
- c. Phase III - Phase II to Holdrege Street and Stevens Creek.

Project 11 Middle Creek Basin.

- a. Relief Trunk Sewer, approximately SW 6th and West “E” Streets to SW 40th and West “F” Streets.
- b. Sub-basin Sewers - Middle Creek.

TREATMENT FACILITIES

New NPDES discharge permits with stricter effluent discharge limits became effective in January, 2004.

The noted treatment facility improvement projects for the Theresa and Northeast treatment facilities provide for additional growth and capacity: maintaining proper and cost efficient treatment to meet the issued NPDES effluent discharge limits and provide for other necessary improvements.

Treatment process improvements and capacity upgrades are identified for both facilities in sub-projects 12.a and 13.a. These improvements are necessary to reduce ammonia concentrations in the discharges to meet the new NPDES effluent discharge permit limits and water quality criteria for Salt Creek.

Improvements to grit removal facilities for additional capacity and handling of collected grit in a cost effective manner are included in sub-project 13.b. Wet-weather treatment improvements to facilities to meet future Federal and State sanitary sewer overflows (SSO) regulations for treating wet-weather flows and preventing SSO’s are identified in sub-projects 12.e and 13.c. Sub-projects 12.f and 13.d provide for expansion of solids digestion and handling to provide for additional capacity to meet future growth.

Project 14 will provide for the acquisition of a potential site for a new treatment plant to provide capacity for continued Tier I and Tier II growth in southwest Lincoln as described in the 2025 Comprehensive Plan for Urban Growth Category V.

Project 12 Theresa Street Improvements.

- a. Treatment Process Capacity Improvements and Upgrades. (502420). Additional Nitrification, Primary and Final Clarifiers, and Grit Basin. (Multi-year funding - Council Resolution No. A-82874)
- b. Odor and Corrosion Control Facilities Solids Dewatering Buildings. (701289)

Project Summary and Justification (cont.)

Department Public Utilities

Division Wastewater

- c. Maintenance Building Structural Repairs and Modifications. (701055)
- d. Salt Creek Bank Stabilization. (701056)
- e. Wet-Weather Treatment Facilities.
- f. Solids Handling Improvements - Dewatering, Digestion, and Co-Generation Improvements.
- g. Liquid Waste Facilities - Septage Handling.

Project 13 Northeast Improvements

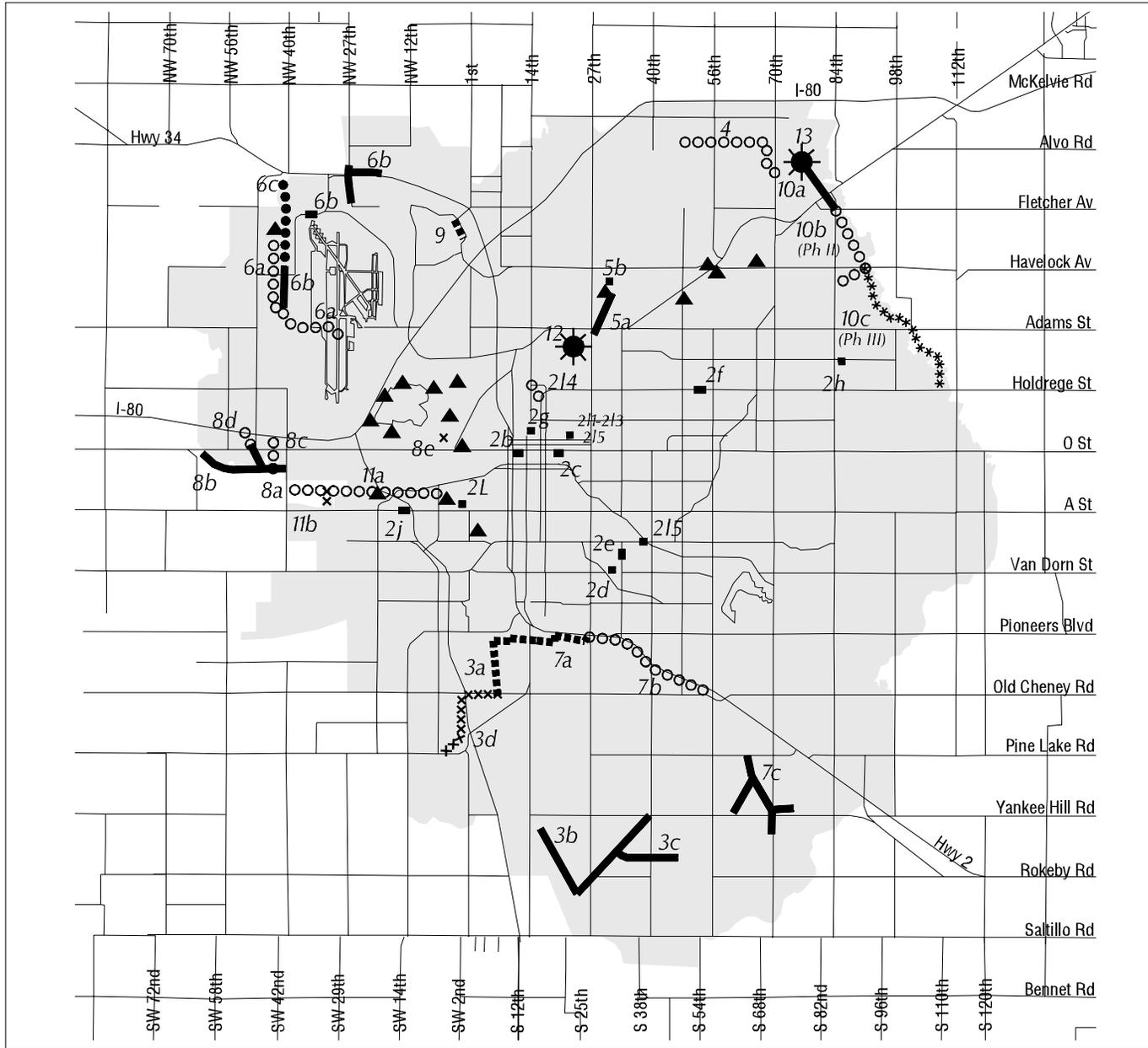
- a. Treatment Process Capacity Improvements and Upgrades. (502510). Additional Nitrification and Capacity Improvements. (Multi-year funding - Council Resolution No. A-82802)
- b. Grit Removal Improvements. (502512)
- c. Wet-Weather Treatment Facilities.
- d. Solids Handling and Digestion Capacity Improvements.

Project 14 Future Southwest Treatment Plant Site Acquisition

This page left blank intentionally.

Lincoln CIP 2005 - 2011

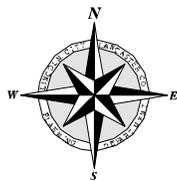
Public Utilities Wastewater



**L
e
g
e
n
d**

Lincoln's Future Service Limit Shown as Gray

Map prepared by
City - Co. Planning Dept
GIS Section



Symbol for Fiscal Years

- 2005 - 2006
- 2006 - 2007
- 2007 - 2008
- 2008 - 2009
- xxxxxxxxx 2009 - 2010
- ***** 2010 - 2011



Treatment Plants

▲ Lift Stations - 2005 - 06

The year shown on this map reflects the year of estimated project completion. Consult the detailed project descriptions and funding schedule for further information.

List of Projects*Department: Public Utilities/Wastewater*

Project Number	Project Title
1	General System Improvements
a*	Collection System Extension - Match.
b*	Preliminary Design and Engineering Support.
c*	Facilities Plan Update.
2	Selected Replacement or Repair of Wastewater Facilities and/or Collectors (700359)
a*	Replacement or Repair of Manholes.
b	Between "O" and "N" Streets, from South 12 th to 10 th Streets.
c	Between "O" and "N" Streets, from South 20 th to 19 th Streets.
d	Between Stratford Ave. to Sewell St., Bradfield to Calumet.
e	Between Winthrop to Bradfield Dr., Ryons to Sewell Street.
f	From N. 52 nd to N. 55 th near Holdrege Street.
g	"S" Street from 14 th to 15 th Street (abandon under UNL Union).
h	N. 84 th St. and Leighton to N. 87 th Street between Wagon Dr. And Adams.
i	SW 6 th and E Street Liftstation (C-9) Modifications
j	West "A" Street Improvements SW 12 th to SW 14 th Street
k	Lift stations - Telemetry Replacement and Upgrade (continued from FY 04-05)
l	Antelope Valley
1)	"P" and "Q" Street Bridges
2)	"O" Street Bridge
3)	"N" Street Bridge
4)	"East Leg Overpass
5)	South Street Bridge
3	Salt Valley Basin - Relief Sewer Improvements.
a	Phase V - South 6 th Street and Pioneers Boulevard to Hunts and Old Cheney Roads.
b	Extend Trunk Sewer - Upper Southeast - South 20 th Street and Yankee Hill Road to South 27 th Street and Rokeby Road to
c	Sub-basin Upper Southeast - South 33 rd to South 48 th Streets and approximately Rokeby Road.
d	Extend Trunk Sewer - Upper Southwest - South 7 th Street and Old Cheney Road to near South 1 st Street and West Denton
4	Northeast Salt Creek Basin - North 49 th to 70 th Streets, north of Salt Creek.
5	Little Salt Creek Basin.
a	North 31 st Street Liftstation Outfall Improvements - North 31 st Street and Salt Creek to Theresa Street.
b	North 31 st Street Liftstation Pumping Capacity Improvements.
6	Oak Creek Basin - Relief Trunk Sewer.
a	South Runway to Northwest 44 th and West Mathis Streets to Air Park Road.
b	Northwest 27 th Street - from Kawasaki to Hwy. 34 and east along Hwy. 34, and Airport Road from Northwest 37 th to 35 th
c	Northwest 40 th Street to Hwy. 34.
7	Beal Slough Basin.
a	Relief Trunk, Phase I - South 6 th Street and Pioneers Boulevard to South 27 th Street and Hwy. 2.
b	Relief Trunk, Phase II - South 27 th to 56 th Streets and Hwy. 2.
c	Upper Beal Slough - Extend Trunks - South 65 th Street and Pine Lake Road to south of South 56 th and east of South 70 th
8	West "O" Street Basin.
a	Extend Trunk Sewer - SW 40 th Street and BNSF Yards to near NW 52 nd Street and I-80.
b	Extend Trunk Sewer - SW 43 rd Street and BNSF Yards to near SW 60 th and West "O" Streets.
c	Extend Trunk Sewer - NW 42 nd Street and BNSF Yards to near NW 43 rd Street and I-80.
d	Sub-basin approximately NW 52 nd Street and I-80 to north of I-80.
e	Replacement of Liftstation at West "P" Street and Sun Valley Blvd. (Liftstation C-8).
9	Lynn Creek Trunk Sewer (relief trunk sewer), NW 1 st Street and West Harvest Drive to Barone Road.
10	Stevens Creek Basin. New Trunk Sewer System.
a	Phase I - Northeast Plant to North 84 th Street and Fletcher Avenue.
b	Phase II - Phase I to Havelock Avenue and Stevens Creek.
c	Phase III - Phase II to Holdrege Street and Stevens Creek.
11	Middle Creek Basin.
a	Relief Trunk Sewer, approximately SW 6 th and West "E" Streets to SW 40 th and West "F" Streets.
b	Sub-basin Sewers - Middle Creek.
12	Theresa Street Improvements.
a*	Treatment Process Capacity Improvements and Upgrades. Additional Nitrification, Primary and Final Clarifiers, and Grit
b*	Odor and Corrosion Control Facilities Solids Dewatering Buildings.
c*	Maintenance Building Structural Repairs and Modifications.
d*	Salt Creek Bank Stabilization.
e*	Wet-Weather Treatment Facilities.
f*	Solids Handling Improvements - Dewatering, Digestion, and Co-Generation Improvements.
g*	Liquid Waste Facilities - Septage Handling.
13	Northeast Improvements.
a*	Treatment Process Capacity Improvements and Upgrades. Additional Nitrification and Capacity Improvements. (Multi-
b*	Grit Removal Improvements.
c*	Wet-Weather Treatment Facilities.
d*	Solids Handling and Digestion Capacity Improvements.
14*	Future Southwest Treatment Plant Site Acquisition.

*Indicates project is NOT shown on the map.

2005 - 2011 CAPITAL IMPROVEMENT PROGRAM

DIVISION: WASTEWATER

(1)	(2)	(3)	3% Inflation per year (4)											
PROJ. NO.	PROJECT TITLE	PROJ. PRIO.	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)											
			2005-2006	FS	2006-2007	FS	2007-2008	FS	2008-2009	FS	2009-2010	FS	2010-2011	FS
1.	GENERAL SYSTEM IMPROVEMENTS													
	a. Collection System Extensions - Match (Continuation, 502500)	A	150.0	UR										
	b. Preliminary Design & Engineering Support. (Continuation, 502610)	A	30.0	UR	31.0	UR	32.0	UR	33.0	UR	34.0	UR	35.0	UR
	c. Facilities Plan Update	B								280.0	UR			
	TOTAL PROJECT 1		180.0		31.0		32.0		33.0		314.0		35.0	
2.	SELECTED REPLACEMENT OR REPAIR OF WASTEWATER FACILITIES AND/OR COLLECTORS - (700359) - Projects such as:	A	920.0	UR	950.0	UR	975.0	RB	1,005.0	RB	1,035.0	RB	1,066.0	RB
	a. Replacement or Repair of Manholes													
	b. S.12th to S.10th, 'O' to 'N' Streets													
	c. S. 20th to S. 19th, 'O' to 'N' Streets													
	d. Stratford Ave. to Sewell St., Bradfield to Calumet													
	e. Winthrop to Bradfield Dr. Ryons to Sewel St													
	f. N. 52nd to N. 55th St., near Holdrege St.													
	g. 'S' St. 14th to 15th (abandon under UNL Student Union)													
	h. N. 84th & Leighton to N. 87th between Wagon Dr & Adams St													
	i. 6th & 'E' Lift Station Modifications (C-9)													
	j. West 'A' St. Improvements SW. 12th to SW 14th													
	k. Lift Stations - Telemetry Repl. & Upgrade													
	l. Antelope Valley													
	1) 'P' and 'Q' St. Bridges				850.0	UR								
	2) 'O' Street Bridge						30.0	UR						
	3) 'N' Street Bridge								30.0	UR				
	4) East Leg Overpass												10.0	UR
	5) South Street Bridge												200.0	UR
	TOTAL PROJECT 2		920.0		1,800.0		1,005.0		1,035.0		1,035.0		1,276.0	

(5)	(6)	(7)		(8)	(9)	(10)	(11)						(1)
TOTAL FOR SIX YEARS (000's)	COST BEYOND 2010-2011 (000's)	PRIOR APPROPRIATIONS (000's)	YEAR FS	TOTAL CAP COSTS (000's) (5)+(6)+(7)	COMP PLAN CONFORM	STATUS OF PLANS	COST BREAKDOWNS FOR SIX-YEAR EXPENDITURES (000's)						PROJ. NO.
							PRELIM PLANS	FINAL PLANS	LAND ACQUISITION	CONST	EQUIP / FURNISH	OTHER (EXPLAIN)	
150.0	Unknown	Continuous		150.0	GCP	1					150.0		1.
195.0	Ongoing	Continuous		195.0	GCP	1	195.0						
280.0	1,600.0	None		1,880.0	GCP	0,1	280.0						
625.0	4,064.0			4,689.0			475.0				150.0		
5,951.0	Ongoing	Continuous		5,951.0	GCP	1		1,200.0			4,751.0		2.
0.0	Ongoing	Continuous		0.0	GCP	1					0.0		
850.0	Unknown	None		850.0	GCP	1		100.0			750.0		
30.0	Unknown	None		30.0	GCP	1		5.0			25.0		
30.0	Unknown	None		30.0	GCP	1		5.0			25.0		
10.0	Unknown	None		10.0	GCP	1		1.0			9.0		
200.0	Unknown	None		200.0	GCP	1		6.0			194.0		
7,071.0				7,071.0			0.0	1,317.0			5,754.0		

2005 - 2011 CAPITAL IMPROVEMENT PROGRAM

DIVISION: WASTEWATER

(1)	(2)	(3)	3% Inflation per year (4)											
PROJ. NO.	PROJECT TITLE	PROJ. PRIO.	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)											
			2005-2006	FS	2006-2007	FS	2007-2008	FS	2008-2009	FS	2009-2010	FS	2010-2011	FS
3.**	TRUNK SEWER SYSTEM													
	SALT VALLEY BASIN - r #502450													
	a. Relief Sewer Ph V - 6 & Pioneers to approx. Hunts Rd & Old Cheney		2,780.0	RB	1,590.0	RB								
	b. Extend Trunk Upper SE- 20th & Yankee Hill to 27 & Rokeby Rd to app S.40th & Yankee Hill	A	3,500.0	RB			200.0	RB			200.0	RB		
	c. Sub-basin Upper S.E. S. 27th & Rokeby Rd to near 48th & Rokeby Rd..	B	700.0	RB										
d. Extend Trunk Upper SW - S.7th & Old Cheney to near S. 1 st. & W. Denton Rd.	B							500.0	IF	2,800.0	RB			
TOTAL PROJECT 3			6,980.0		1,590.0		200.0		500.0		3,000.0		0.0	
4.	NORTHEAST SALT CREEK BASIN	A	200.0	UR	200.0	UR	230.0	RB	2,780.0	RB				
	New Trunk Sewer - N. 49th to 70th, N. of Salt Creek													
TOTAL PROJECT 4			200.0		200.0		230.0		2,780.0		0.0		0.0	
5.	LITTLE SALT CREEK BASIN #502005													
	a. N. 31st St. Liftstation Outfall Improvements - N. 31st and Salt Creek to Theresa St.	A	400.0	UR										
	b. N 31 St Lift sta Pumping Cap. Impr. (C-11)	A									50.0	UR	200.0	UR
TOTAL PROJECT 5			400.0		0.0		0.0		0.0		50.0		200.0	
6.	OAK CREEK BASIN - Relief Trunk # 502940													
	a. Relief Trunk S. Runway to NW 44th & W Mathis to Air Park Rd.	A	200.0	UR			200.0	RB	1,290.0	RB				
	b. Extend Trunk - NW 27t- Kawasaki to Hwy 34, E along Hwy 34 , Airport Rd. NW 37th to NW 35th	A	300.0	UR										
	c. Extend Trunk - NW 40th to near Hwy 34	C					200.0	UR						
TOTAL PROJECT 6			500.0		0.0		400.0		1,290.0		0.0		0.0	
7.	BEALS SLOUGH BASIN # 70033													
	a. Relief Trunk ,Ph I - 6 & Pioneers to near 27th & Hwy 2.	A	2,890.0	UR	1,000.0	RB								
	b. Relief Trunk ,Ph II -S. 27 to near 56 & Hwy 2	A	110.0	OF	590.0	RB	1,500.0	RB	3,500.0	RB				
	c. Upper Beals- Extend Trunks - S 65th & Pine Lake Rd. to S of S. 56th & E of S. 70th & Yankee Hill Rd	A	900.0	UR	410.0	IF								
TOTAL PROJECT 7			3,900.0		2,000.0		1,500.0		3,500.0		0.0		0.0	
8.	WEST "O" ST. BASIN - (Continuation 701019)													
	a. Extend Trunk Sewer - SW 40 & BNSF Yds to near to near NW 52nd & I-80.	A	790.0	UR										
	b. Ex Trunk Sewer - SW 43 & BNSF Yds to near SW 60th & O		310	IF	1,650.0	UR								
	c. Ex Trunk - NW 42 & BNSF to NW 43 & I-80	A					50.0	UR	600.0	RB				
	d. Sub-basin- Approx NW 52 & I-80 to N of I-80	B					60.0	UR	640.0	RB				
	e. Repl. Lift Station at W P & Sunvalley Blvd (C-8)								100.0	RB	1,700.0	RB		
TOTAL PROJECT 8			2,750.0		0.0		110.0		1,340.0		1,700.0		0.0	

FORM B

(5)	(6)	(7)		(8)	(9)	(10)	(11)						(1)	
							COST BREAKDOWNS FOR SIX-YEAR EXPENDITURES (000's)							
							PRELIM PLANS	FINAL PLANS	LAND ACQUISITION	CONST	EQUIP / FURNISH	OTHER (EXPLAIN)		
TOTAL FOR SIX YEARS (000's)	COST BEYOND 2010-2011 (000's)	PRIOR APPROPRIATIONS (000's)	YEAR	FS	TOTAL CAP COSTS (000's) (5)+(6)+(7)	COMP PLAN CONFORM	STATUS OF PLANS						PROJ. NO.	
4,370.0	None	29,050.5	88-05		33,670.5	ICWP	2,7		400.0	100.0	3,870.0			3.**
3,900.0	None	250.0	04-05		5,569.0	ICWP	2,7		400.0	50.0	3,450.0			
700.0	None	1,669.0	03-05		700.0	ICWP	1.0		100.0	60.0	540.0			
3,300.0	1,500.0	None			6,700.0	ICWP	2,7		300.0	200.0	2,800.0			
12,270.0	1,500.0	1,900.0	04-05		46,639.5				1,200.0	410.0	10,660.0			
3,410.0	Unknown	75.0	02-05		3,485.0	ICWP	2		350.0	100.0	2,960.0			4.
3,410.0	0.0	75.0			3,485.0			0.0	350.0	100.0	2,960.0			
400.0	260.0	1,861.7	02-05		2,521.7	ICWP	2, 7				400.0			5.
250.0		None	96-05		250.0	ICWP	2		50.0		200.0			
650.0	260.0	1,861.7			2,771.7				50.0	0.0	600.0			
1,690.0	3,400.0	2,613.2	90-05		7,703.2	ICWP	2		250.0	100.0	1,340.0			6.
300.0	Unknown	30.0			330.0	ICWP	2		40.0		260.0			
200.0	Unknown	None			200.0	ICWP	2		20.0		180.0			
2,190.0	3,400.0	2,643.2			8,233.2				310.0	100.0	1,780.0			7.
4,000.0	Unknown	4,510.0	98-05		8,510.0	ICWP	2, 7				4,000.0			
6,000.0	Unknown	135.0	04-05		6,135.0	ICWP	2, 7		250.0	100.0	5,750.0			
900.0	Unknown	270.0	01-05		1,170.0	GCP	2		30.0	80.0	940.0			
10,900.0		4,915.0			15,815.0		2		30.0	180.0	10,840.0			
1,100.0	Unknown	2,540.0	98-05		3,640.0	ICWP	2				1,100.0			8.
1,650.0	Unknown				1,650.0	ICWP	2		150.0	150.0	1,350.0			
650.0	Unknown	None			650.0				70.0	50.0	480.0			
700.0	Unknown	None			700.0	ICWP	2		100.0	30.0	570.0			
1,800.0	Unknown	None			1,800.0	ICWP			150.0		1,650.0			
5,900.0	0.0	2,540.0			8,440.0		2		470.0	230.0	5,170.0			

2005 - 2011 CAPITAL IMPROVEMENT PROGRAM

DIVISION: WASTEWATER

(1)	(2)	(3)	3% Inflation per year (4)												
PROJ. NO.	PROJECT TITLE	PROJ. PRIO.	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)												
			2005-2006	FS	2006-2007	FS	2007-2008	FS	2008-2009	FS	2009-2010	FS	2010-2011	FS	
9.	LYNN CREEK BASIN - Relief Trunk Sewer - 1st & Harvest Dr. to Barone Road	B			180.0	UR						90.0	UR		
10.	STEVENS CREEK BASIN - New Trunk Sewer Sys														
	a. Ph I - Northeast Plant to N.84th & Fletcher (701830)	A	1,034.8	RB											
	b. Ph II - Ph I to Havelock & Stevens Crk.	A	3,165.2	UR			600.0	RB		5,800.0	RB				
	c. Ph III - Ph II to Holdrege & Stevens Creek.	A					470.0	IF		600.0	UR	4,500.0	RB	5,000.0	RB
												540.0	IF	600.0	IF
	TOTAL PROJECT 10		4,200.0		0.0		1,070.0		6,400.0		5,040.0		5,600.0		
11.	MIDDLE CREEK BASIN														
	a. Relief Trunk Approx. SW 6th & E to SW 40th & F	B			200.0	UR	800.0	UR	800.0	RB					
	b. Sub-Basin Sewers- Middle Creek	C										50.0	UR		
	TOTAL PROJECT 11		0.0		200.0		800.0		800.0		50.0		0.0		
	TREATMENT FACILITIES														
12.	THERESA STREET IMPROVEMENTS														
	a. Treatment Process Capacity Improvements & Upgrades (502420) - Add'l Nitrification, Primary & Final Clarifiers, Grit Basin. Multiyear Funding (Council Res A-82874)	A	5,000.0	UR	3,000.0	RB									
	b. Odor and Corrosion Control Facilities Solids Dewatering Bldg's.(701289)	A	350.0	UR	900.0	UR									
	c. Maint Bldg Structural Repairs & Modifications. (701055)	A	250.0	UR											
	d. Salt Creek Bank Stabilization (701056)	A			990.0	UR									
	e. Wet - Weather Treatment Facilities	B													
	f. Solids Handling Improvements - Dewatering, Digestion & Co-Generation Improvements	B	100.0	UR			200.0	UR	1,170.0	RB	3,200.0	RB	1,300.0	RB	
	g. Liquid Waste Facilities - Septage Handling	C									250.0	RB	1,360.0	RB	
	TOTAL - PROJECT 12		5,700.0		4,890.0		200.0		1,170.0		3,450.0		2,660.0		
13.	NORTHEAST IMPROVEMENTS														
	a. Treatment Process Capacity Improvements & Upgrades (502510) -Add'l Nitrification & Capacity Improvements - Multiyear funding (Council Resolution No. A-82802)	A	2,050.0	UR										1,000.0	RB
	b. Grit Removal Facilities Improvements (502512)	A							2,800.0	RB	400.0	RB			
	c. Wet - Weather Treatment Facilities	B											80.0	UR	
	d. Solids Handling & Digestion Capacity Improvements	B	70.0	UR			100.0	UR	590.0	UR	1,200.0	RB			
	TOTAL - PROJECT 13		2,120.0				100.0		3,390.0		1,600.0		1,080.0		
14 *	S.W. TREATMENT PLANT SITE ACQUISITION													5,600.0	RB
	TOTAL PROJECT 14													5,600.0	

(5)	(6)	(7)		(8)	(9)	(10)	(11)						(1)
							COST BREAKDOWNS FOR SIX-YEAR EXPENDITURES (000's)						
							PRELIM PLANS	FINAL PLANS	LAND ACQUISITION	CONST	EQUIP / FURNISH	OTHER (EXPLAIN)	
TOTAL FOR SIX YEARS (000's)	COST BEYOND 2010-2011 (000's)	PRIOR APPROPRIATIONS (000's)	YEAR FS	TOTAL CAP COSTS (000's) (5)+(6)+(7)	COMP PLAN CONFORM	STATUS OF PLANS						PROJ. NO.	
270.0	400.0	None		670.0	GCP	2		20.0		250.0		9.	
1,034.8	Unknown	5,900.0	03-05	6,934.8	ICWP	2,7				4,200.0		10.	
6,870.0	Unknown	None		6,870.0	ICWP	2,7		300.0	300.0	6,270.0			
11,240.0	Unknown	None		11,240.0	ICWP	2,7		600.0	550.0	10,090.0			
22,310.0	0.0	5,900.0		28,210.0				920	850	20,540.0			
1,800.0	Unknown	None		1,800.0	ICWP	2,7		150.0	50	1,600.0		11.	
50.0	Unknown	None		50.0	ICWP	2,7		10.0	20.0	20.0			
1,850.0	0.0	0.0		1,850.0				160.0	70.0	1,620.0			
8,000.0	22,600.0	19,292.3	97-05	49,892.3	ICWP	2, 7				8,000.0		12	
1,250.0	Unknown	4,750.0	01-05	6,000.0	GCP	2, 7		150.0		1,100.0			
250.0	Unknown	100.0	04-05	350.0	GCP	1				250.0			
990.0	Unknown	100.0		1,090.0	GCP	2, 7				990.0			
0.0	1,900.0	None		1,900.0	GCP	2	100.0						
5,970.0	18,600.0	None		24,570.0	GCP	2	100	500.0		5,370.0			
1,610.0	Unknown	None		1,610.0	GCP	2		250.0		1,360.0			
18,070.0	43,100.0	24,242.3		85,412.3			200	900.0		16,970.0			
3,050.0	14,270.0	4,300.0	91-05	21,620.0	ICWP	2,7				3,050.0		13	
3,200.0	Unknown	2,230.0	02-05	5,430.0	GCP	2,7				3,200.0			
80.0	1,500.0	None		1,580.0	GCP	2	80						
1,960.0	1,700.0	None		3,660.0	GCP	2	70	200.0		1,690.0			
8,290.0	17,470.0	6530		32,290.0			150	200		794.0			
5,600.0		None		5,600.0					5600			14 *	
5,600.0	0.0			5,600.0	GCP	1	0.0	0.0	5,600.0				

DEPARTMENT: PUBLIC UTILITIES

FORM A

2005 - 2011 CAPITAL IMPROVEMENT PROGRAM

DIVISION: WASTEWATER

(1) PROJ. NO.	(2) PROJECT TITLE	(3) PROJ. PRIO.	(4) PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)											
			2005-2006 FS		2006-2007 FS		2007-2008 FS		2008-2009 FS		2009-2010 FS		2010-2011 FS	
	** - Impact Fee Eligible													
	FUNDING SOURCE BREAKDOWN:													
	DC (Developer Contribution)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	OF (Other Financing)		110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	UR (Utility Revenues)		19,415.2	4,301.0	1,442.0	1,223.0	504.0	525.0						
	RB (Revenue Bonds)		8,014.8	6,180.0	3,705.0	20,485.0	15,285.0	15,326.0						
	IF (Impact Fee Revenues)		310.0	410.0	470.0	500.0	540.0	600.0						
			=====	=====	=====	=====	=====	=====						
	DIVISION TOTAL		27,850.0	10,891.0	5,617.0	22,208.0	16,329.0	16,451.0						

(5)	(6)	(7)		(8)	(9)	(10)	(11)						(1)
TOTAL FOR SIX YEARS (000's)	COST BEYOND 2010-2011 (000's)	PRIOR APPROPRIATIONS YEAR FS		TOTAL CAP COSTS (000's) (5)+(6)+(7)	COMP PLAN CONFORM	STATUS OF PLANS	COST BREAKDOWNS FOR SIX-YEAR EXPENDITURES (000's)						PROJ. NO.
							PRELIM PLANS	FINAL PLANS	LAND ACQUISITION	CONST	EQUIP / FURNISH	OTHER (EXPLAIN)	
0.0													
110.0													
27,410.2													
68,995.8													
2,830.0													
=====													
99,346.0													

This page left blank intentionally.